What is claimed is:

1. A compound of formula (i):

$$(R)p$$

$$(C)n$$

$$(R^1)q$$

$$(R^1)q$$

$$(I)$$

wherein:

n is 0, 1, or 2;

t is 0 or 1:

 $X \text{ is -NH-, -O-, -R$^{10}-, -OR$^{10}-, -R$^{10}O-, -R$^{10}OR$^{10}-, -NR$^{10}-, -R$^{10}N-, -R$^{10}NR$^{10}-, -R$^{10}S(O)_m-, or -R$^{10}S(O)_mR$^{10}-; }$

Y is -C(O)- or $-S(O)_m$ -;

each R is the same or different and is independently selected from the group consisting of

halogen, haloalkyl, alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkenyl,

-R¹⁰cycloalkyl, Ay, -NHR¹⁰Ay, Het, -NHHet, -NHR¹⁰Het, -OR², -OAy, -OHet,

 $-R^{10}OR^2$, $-NR^2R^3$, $-NR^2Ay$, $-R^{10}NR^2R^3$, $-R^{10}NR^2Ay$, $-R^{10}C(O)R^2$, $-C(O)R^2$.

 $-CO_2R^2$, $-R^{10}CO_2R^2$, $-C(O)NR^2R^3$, -C(O)Ay, $-C(O)NR^2Ay$, -C(O)Het,

-C(O)NHR¹⁰Het, -R¹⁰C(O)NR²R³, -C(S)NR²R³, -R¹⁰C(S)NR²R³,

 $-R^{10}NHC(NH)NR^2R^3$, $-C(NH)NR^2R^3$, $-R^{10}C(NH)NR^2R^3$, $-S(O)_2NR^2R^3$,

 $-S(O)_2NR^2Ay, -R^{10}SO_2NHCOR^2, -R^{10}SO_2NR^2R^3, -R^{10}SO_2R^2, -S(O)_mR^2, -R^{10}SO_2NR^2R^3, -R^{10}SO_2R^2, -S(O)_mR^2, -R^{10}SO_2NR^2R^3, -R^{10}SO_2R^2, -S(O)_mR^2, -R^{10}SO_2NR^2R^3, -R^{10}SO_2R^2, -R^{1$

-S(O)_mAy, cyano, nitro, or azido;

each R^1 is the same or different and is independently selected from the group consisting of halogen, haloalkyl, alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkyl, cycloalkyl, $-R^{10}$ cycloalkyl, Ay, $-NHR^{10}$ Ay, Het, -NHHet, $-NHR^{10}$ Het, $-OR^2$, -OAy, -OHet, $-R^{10}OR^2$, $-NR^2R^3$, $-NR^2Ay$, $-R^{10}NR^2R^3$, $-R^{10}NR^2Ay$, $-R^{10}C(O)R^2$, $-C(O)R^2$, $-C(O)R^2$, $-C(O)NR^2R^3$, -C(O)Ay, $-C(O)NR^2Ay$, -C(O)Het, $-C(O)NHR^{10}$ Het, $-R^{10}C(O)NR^2R^3$, $-C(S)NR^2R^3$, $-R^{10}C(S)NR^2R^3$, $-R^{10}NHC(NH)NR^2R^3$, $-C(NH)NR^2R^3$, $-R^{10}C(NH)NR^2R^3$, $-S(O)_2NR^2R^3$, $-S(O)_2NR^3$, -S

each m independently is 0, 1, or 2;

each R¹⁰ is the same or different and is independently selected from alkylene, cycloalkylene, alkenylene, cycloalkenylene, and alkynylene; p and q are each independently selected from 0, 1, 2, 3, 4, or 5;

each of R^2 and R^3 are the same or different and are independently selected from the group consisting of H, alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkenyl, - R^{10} Cycloalkyl, - R^{10} OH, - R^{10} (OR 10)_w, and - R^{10} NR 4 R 5 ;

w is 1-10;

each of R⁴ and R⁵ are the same or different and are independently selected from the group consisting of alkyl, cycloalkyl, alkenyl, cycloalkenyl, and alkynyl;

Ay represents an aryl group;

Het represents a 5- or 6-membered heterocyclyl or heteroaryl group; ring A is aryl or heteroaryl;

provided that when the A ring is aryl, t is 0, and Y is SO₂, then p is not 0; and salts, solvates and physiologically functional derivatives thereof.

- 2. The compound of claim 1 wherein alkyl is C_1 - C_6 alkyl, alkoxy is C_1 - C_6 alkoxy, haloalkyl is C_1 - C_6 haloalkyl, alkylene is C_1 - C_6 alkenylene.
- 3. The compound wherein t is 0 and Y is -C(O)-.
- 4. The compound wherein t is 0 and Y is $-S(O)_{m}$.
- 5. The compound of claim 1 wherein t is 1, Y is -C(O)-, and X is -NH-, -O-, $-R^{10}$ -, or $-OR^{10}$ -.
- 6. The compound of claim 1 wherein t is 1, Y is $-S(O)_m$ -, and X is -NH-, -O-, $-R^{10}$ -, or $-OR^{10}$ -.
- 7. The compound of claim 1 wherein n is 1.
- 8. The compound of claim 1 wherein p is 1 or more and R is selected from halogen, alkyl, haloalkyl, -OR², -NR²R³, -C(O)R², -CO₂R², cyano, nitro, or azido.
- The compound of claim 8 wherein R is halogen, alkyl, haloalkyl.
- 10. The compound of claim 9 wherein R is substituted *para* to the depicted N atom.
- 11. The compound of claim 10 wherein R is halogen.
- 12. The compound of claim 11 wherein R is Br or Cl.
- 13. The compound of claim 1 wherein q is 1 or more and R¹ is selected from halogen, alkyl, haloalkyl, -OR², -NR²R³, -C(O)R², -CO₂R², Ay, Het, cyano, nitro, or azido.
- 14. The compound of claim 13 wherein R¹ is selected from halogen, alkyl, haloalkyl, -OR², -NR²R³, -C(O)R², -CO₂R², or cyano.

- 15. The compound of claim 14 wherein R² and R³ each are C₁-C₆ alkyl.
- 16. The compound of claim 14 wherein R¹ is selected from halogen, alkyl, or -OR².
- 17. The compound of claim 16 wherein said halogen is fluoro or chloro, said alkyl is methyl, and said –OR² is alkoxy.
- 18. The compound of claim 1 wherein the A ring is aryl.
- 19. The compound of claim 18 wherein the A ring is phenyl.
- 20. The compound of claim 19 wherein q is 1 or more and R¹ is selected from halogen, alkyl, haloalkyl, -OR², -NR²R³, -C(O)R², -CO₂R², Ay, Het, cyano, nitro, or azido.
- 21. The compound of claim 20 wherein q is 1 or more and R¹ is selected from halogen, alkyl, haloalkyl, -OR², -NR²R³, -C(O)R², -CO₂R², or cyano.
- 22. The compound of claim 1 wherein the A ring is heteroaryl.
- 23. The compound of claim 22 wherein the heteroaryl is pyridyl.
- 24. The compound of claim 23 wherein q is 0 or 1.
- 25. The compound of claim 24 wherein when q is 1, then R¹ is is selected from halogen, alkyl, haloalkyl, -OR², -NR²R³, -C(O)R², -CO₂R², Ay, Het, cyano, nitro, or azido.
- 26. The compound of claim 25 wherein when q is 1, then R¹ is is selected from halogen, alkyl, haloalkyl, -OR², -NR²R³, -C(O)R², -CO₂R², or cyano.
- 27. The compound of claim 1 wherein p is 1, R is halogen, n is 1, Y is –C(O)-, t is 0, ring A is heteroaryl, and q is 0.
- 28. The compound of claim 27 wherein R is chloro and ring A is pyridyl.
- 29. A compound selected from:

30. The compound of claim 1 selected from

N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-N'-phenylurea;

N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-N'-(4-methoxyphenyl)urea;

N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-N'-(4-methoxy-2-methylphenyl)urea;

N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-N'-(3-chloro-4-methoxyphenyl)urea;

N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-N'-[4-(dimethylamino)phenyl]urea;

N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)benzamide;

N-[(1R)-6-bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl]benzamide;

N-[(1S)-6-bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl]benzamide;

N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-2-phenylacetamide;

N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-3-phenylpropanamide;

N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-3-phenylprop-2-enamide;

Benzyl 6-bromo-2,3,4,9-tetrahydro-1H-carbazol-1-ylcarbamate;

N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-2,6-dichlorobenzamide;

N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-4-fluorobenzamide;

N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-4-methoxybenzamide;

N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-4-nitrobenzamide;

N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-4-chlorobenzamide;

N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-4-methylbenzamide;

N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-4-(trifluoromethyl)benzamide;

- N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-3-fluorobenzamide;
- N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-3-methoxybenzamide;
- N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-3-methylbenzamide;
- N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-2-fluorobenzamide;
- N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-2-methoxybenzamide;
- N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-2-nitrobenzamide;
- N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-2-chlorobenzamide;
- N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-2-methylbenzamide;
- N-(2,3,4,9-Tetrahydro-1H-carbazol-1-yl)benzamide;
- N-(6-Methyl-2,3,4,9-tetrahydro-1*H*-carbazol-1-yl)benzamide;
- N-(6-Chloro-2,3,4,9-tetrahydro-1H-carbazol-1-yl)benzamide;
- N-[(1R)-6-chloro-2,3,4,9-tetrahydro-1H-carbazol-1-yl]benzamide;
- N-[(1S)-6-chloro-2,3,4,9-tetrahydro-1H-carbazol-1-yl]benzamide;
- N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-4-methylbenzenesulfonamide;
- N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)pyridine-2-carboxamide;
- N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)nicotinamide;
- N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-6-chloronicotinamide;
- N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)isonicotinamide;
- N-Phenyl-N'-(2,3,4,9-tetrahydro-1H-carbazol-1-yl)urea;
- N-(6-Methyl-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-N'-phenylurea;
- N-(6-Chloro-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-N'-phenylurea;
- N-(6-Chloro-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-2-pyridinecarboxamide;
- N-[(1R)-6-chloro-2,3,4,9-tetrahydro-1H-carbazol-1-yl]pyridine-2-carboxamide;
- N-[(1S)-6-chloro-2,3,4,9-tetrahydro-1H-carbazol-1-yl]pyridine-2-carboxamide;
- N-(6-Chloro-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-2-fluorobenzamide;
- N-[(1R)-6-chloro-2,3,4,9-tetrahydro-1H-carbazol-1-yl]-2-fluorobenzamide;
- N-[(1S)-6-chloro-2,3,4,9-tetrahydro-1H-carbazol-1-yl]-2-fluorobenzamide;
- N-(6-Chloro-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-1-methyl-1H-imidazole-5-carboxamide;
- N-(6-Chloro-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-1-methyl-1H-pyrazole-5-carboxamide;
- *N*-(6-Chloro-2,3,4,9-tetrahydro-1*H*-carbazol-1-yl)-1-methyl-1*H*-pyrazole-3-carboxamide;
- N-(6-Chloro-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-1H-imidazole-4-carboxamide;
- N-(6-Chloro-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-1H-pyrazole-3-carboxamide;

N-(6-bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-2,6-difluorobenzamide; N-(6-bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-2-fluorobenzenesulfonamide; and N-(6-bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-2,6-difluorobenzenesulfonamide.

31. The compound of claim 1 selected from

N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-N'-[4-(dimethylamino)phenyl]urea;

N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)benzamide;

N-[(1R)-6-bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl]benzamide;

N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-3-phenylprop-2-enamide;

Benzyl 6-bromo-2,3,4,9-tetrahydro-1H-carbazol-1-ylcarbamate;

N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-4-fluorobenzamide;

N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-4-methoxybenzamide;

N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-4-nitrobenzamide;

N-(6-Bromo-2,3,4,9-tetrahydro-1*H*-carbazol-1-yl)-4-chlorobenzamide;

N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-4-methylbenzamide;

N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-4-(trifluoromethyl)benzamide;

N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-3-fluorobenzamide;

N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-3-methoxybenzamide;

N-(6-Bromo-2,3,4,9-tetrahydro-1*H*-carbazol-1-yl)-3-methylbenzamide;

N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-2-fluorobenzamide;

N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-2-methylbenzamide;

N-(6-Methyl-2,3,4,9-tetrahydro-1H-carbazol-1-yl)benzamide;

N-(6-Chloro-2,3,4,9-tetrahydro-1H-carbazol-1-yl)benzamide;

N-[(1R)-6-chloro-2,3,4,9-tetrahydro-1H-carbazol-1-yl]benzamide;

N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-4-methylbenzenesulfonamide;

N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)pyridine-2-carboxamide;

N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)nicotinamide;

N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-6-chloronicotinamide;

N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)isonicotinamide;

N-(6-Chloro-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-2-pyridinecarboxamide;

N-[(1R)-6-chloro-2,3,4,9-tetrahydro-1H-carbazol-1-yl]pyridine-2-carboxamide;

N-(6-Chloro-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-2-fluorobenzamide;

N-[(1R)-6-chloro-2,3,4,9-tetrahydro-1H-carbazol-1-yl]-2-fluorobenzamide;

N-(6-Chloro-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-1H-imidazole-4-carboxamide;

N-(6-Chloro-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-1H-pyrazole-3-carboxamide;

N-(6-bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-2,6-difluorobenzamide; N-(6-bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-2-fluorobenzenesulfonamide; and N-(6-bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-2,6-difluorobenzenesulfonamide.

32. The compound of claim 1 selected from N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)benzamide; N-[(1R)-6-bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl]benzamide; Benzyl 6-bromo-2,3,4,9-tetrahydro-1H-carbazol-1-ylcarbamate; N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-4-fluorobenzamide; N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-4-methoxybenzamide; N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-4-nitrobenzamide; N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-4-chlorobenzamide; N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-4-methylbenzamide; N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-3-fluorobenzamide; N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-3-methoxybenzamide; N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-3-methylbenzamide; N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-2-fluorobenzamide; N-(6-chloro-2,3,4,9-tetrahydro-1H-carbazol-1-yl)benzamide; N-[(1R)-6-chloro-2,3,4,9-tetrahydro-1H-carbazol-1-yl]benzamide; N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-4-methylbenzenesulfonamide; N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)pyridine-2-carboxamide; N-(6-Bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-6-chloronicotinamide; N-(6-Chloro-2,3,4,9-tetrahydro-1*H*-carbazol-1-yl)-2-pyridinecarboxamide; N-[(1R)-6-chloro-2,3,4,9-tetrahydro-1H-carbazol-1-yl]pyridine-2-carboxamide; N-(6-Chloro-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-2-fluorobenzamide; N-[(1R)-6-chloro-2,3,4,9-tetrahydro-1H-carbazol-1-yl]-2-fluorobenzamide;N-(6-bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-2,6-difluorobenzamide; and N-(6-bromo-2,3,4,9-tetrahydro-1H-carbazol-1-yl)-2-fluorobenzenesulfonamide.

33. The compound of claim 1 further comprising:

$$(R)p$$

$$(C)n$$

$$(R^{1})q$$

$$(R^{1})q$$

$$(R^{1})q$$

$$(R^{1})q$$

$$(R^{1})q$$

including salts, solvates and pharmaceutically functional derivatives, wherein R^6 is H, alkyl, $-OR^2$, $-NR^2R^3$, Ay, Het, $-C(O)R^2$, $-CO_2R^2$, $-CONR^2R^3$, $-S(O)_mR^2$, or oxo, where R^2 , R^3 , m, Ay, and Het are as defined; and R^7 is H or alkyl;

provided R⁶ and R⁷ are not both H.

- 34. The compound of claims 1 to 33 substantially as hereinbefore defined with reference to any one of the Examples.
- 35. A pharmaceutical composition comprising a compound according to claims 1 to 33, and a pharmaceutically acceptable carrier.
- 36. A compound according to claims 1 to 33 for use as an active therapeutic substance.
- 37. A compound according to claims 1 to 33 for use in the treatment or prophylaxis of diseases and conditions caused by oncogenic viruses, including adenoviruses, retroviruses, and papovavirus family, including polyoma viruses and papilloma viruses.
- 38. A compound according to claims 1 to 33 for use in the treatment or prophylaxis of conditions or disorders due to HPV infection.
- 39. The compound of claim 38 wherein the condition or disease is warts, genital warts, cervical dysplasia, recurrent respiratory papillomatosis, or cancers associated with papillomavirus infection.
- 40. The compound of claim 39 wherein the cancer is anogenital cancers, head and neck cancers, and skin cancers.
- 41. The compound of claim 40 wherein the anogenital cancers are cervical, anal and perianal, vulvar, vaginal, and penile cancers; the head and neck cancers are oral pharyngeal region and esophagus

cancers; and

- the skin cancers are basal cell carcinoma and squamous cell carcinoma.
- 42. Use of a compound according to any one of claims 1 to 33 in the manufacture of a medicament for use in the treatment or prophylaxis of oncogenic viruses, including adenoviruses, retroviruses, and papovavirus family, including polyoma viruses and papilloma viruses.
- 43. Use of a compound according to claims 1 to 33 in the manufacture of a medicament for use in the treatment or prophylaxis of conditions or disorders due to HPV infection.

- 44. Use of a compound as in claim 43 wherein the condition or disorder is warts, genital warts, cervical dysplasia, recurrent respiratory papillomatosis, or cancers associated with papillomavirus infection.
- 45. A method for the treatment or prophylaxis of oncogenic viruses, including adenoviruses, retroviruses, and papovavirus family, including polyoma viruses and papilloma viruses comprising the administration of a compound according to any one of claims 1 to 33.
- 46. A method for the treatment or prophylaxis of conditions or disorders due to HPV infection comprising the administration of a compound according to any one of claims 1 to 33.
- 47. The method of claim 46 wherein the condition or disorder is warts, genital warts, cervical dysplasia, recurrent respiratory papillomatosis, or cancers associated with papillomavirus infection.